



## Development and Validation of UV Spectrophotometric Method for the Estimation of Cilnidipine and Valsartan in Bulk and Pharmaceutical Formulations

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**Abstract** : A simple, rapid, accurate, precise, specific and economical spectrophotometric method for simultaneous estimation of Cilnidipine and Valsartan in combined tablet dosage form has been developed. Its employs Formation and solving of simultaneous equation using two wavelengths 240.20nm and 250nm using methanol as solvent. This method obeys Beers law in the employed concentration range 2-12 $\mu$ g /mL and 8-40  $\mu$ g /mL for Cilnidipine and Valsartan respectively. Coefficient of correlation ( $R^2$ ) was 0.999for Cilnidipine and 0.999 for Valsartan. This method can be adopted in routine analysis of Cilnidipine and Valsartan in bulk and tablet dosage form and it involves relatively low cost solvent and no complex extraction technique.

**Key Word** : Cilnidipine, Valsartan, Simultaneous equation.

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